



**TECHNICAL DATA** NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

cavidad	T-34A
Series	4
Capacity	45 - 240 L/min.
Maximum Operating Pressure	350 bar
Divisional Accuracy at Max Input Flow	±3.5%
Divisional Accuracy at Minimum Input Flow	±6.5%
Pressure Drop at Maximum Rated Input Flow	18 bar
Pressure Drop at Minimum Rated Input Flow	2 bar
Rated Input Flow with 33/67 Split	36 - 180 L/min.
Rated Input Flow with 40/60 Split	38 - 200 L/min.
Rated Input Flow with 50/50 Split	45 - 240 L/min.
Valve Hex Size	41,3 mm
Valve Installation Torque	474 - 508 Nm
Model Weight	1.27 kg.
Seal kit - Cartridge	Buna: 990-034-007
Seal kit - Cartridge	Polyurethane: 990-034-002
Seal kit - Cartridge	Viton: 990-034-006
Seal kit - Cartridge	Buna: 990-034-007
Seal kit - Cartridge	Polyurethane: 990-034-002
Seal kit - Cartridge	Viton: 990-034-006

## OPTION SELECTION EXAMPLE: FSFDXAN

CONTROL	(X)	FLOW SPLIT	(A)	SEAL MATERIAL	(N)	MATERIAL/COATING
<b>X</b> Not Adjustable		<b>A</b> 50/50		<b>N</b> Buna-N		Standard Material/Coating
		<b>B</b> 40/60		<b>V</b> Viton		<b>/AP</b> Stainless Steel, Passivated
		<b>C</b> 33/67				<b>/LH</b> Mild Steel, Zinc-Nickel
		<b>D</b> 25/75				

### PERFORMANCE CURVES

Split	Input Flow		Rated Accuracy	Maximum Possible Flow Variations	
				High Flow Leg	Low Flow Leg
<b>50:50</b>	Max Rated	60 gpm	±3.5%	28 - 32 gpm	
		240 L/min		112 - 128 L/min	
	Min rated	12 gpm	±6.5%	5.2 - 6.8 gpm	
		45 L/min		19.6 - 25.4 L/min	
<b>40:60</b>	Max Rated	50 gpm	±3.5%	28 - 32 gpm	18 - 22 gpm
		200 L/min		113 - 127 L/min	73 - 87 L/min
	Min rated	10 gpm	±6.5%	5.4 - 6.6 gpm	3.4 - 4.6 gpm
		38 L/min		20.3 - 25.3 L/min	12.7 - 17.7 L/min
<b>33:67</b>	Max Rated	45 gpm	±3.5%	28 - 32 gpm	13 - 17 gpm
		180 L/min		114 - 126 L/min	54 - 66 L/min
	Min rated	9 gpm	±6.5%	5.4 - 6.6 gpm	2.4 - 3.6 gpm
		36 L/min		22 - 26 L/min	10 - 14 L/min

The maximum variation is at 5000 psi (350 bar) differential between legs with the high pressure leg being the higher flow.